

Virginia Department of Health

Office of Drinking Water

VDH VIRGINIA
DEPARTMENT
OF HEALTH
Protecting You and Your Environment



Overview



- History of Safe Drinking Water and ODW
- ODW Mission
- ODW Organizational Chart and Field Office Locations
- ODW Programs

First Sanitation Law In Virginia



- Jamestown
- May 24, 1610
- First attempt at maintaining clean water supply

First Sanitation Law in Virginia

Articles, Lawes, and orders, politique and martiall established May 24, 1610 for the colony in Virginia (by Sir Thomas Dale, deputy governor.)

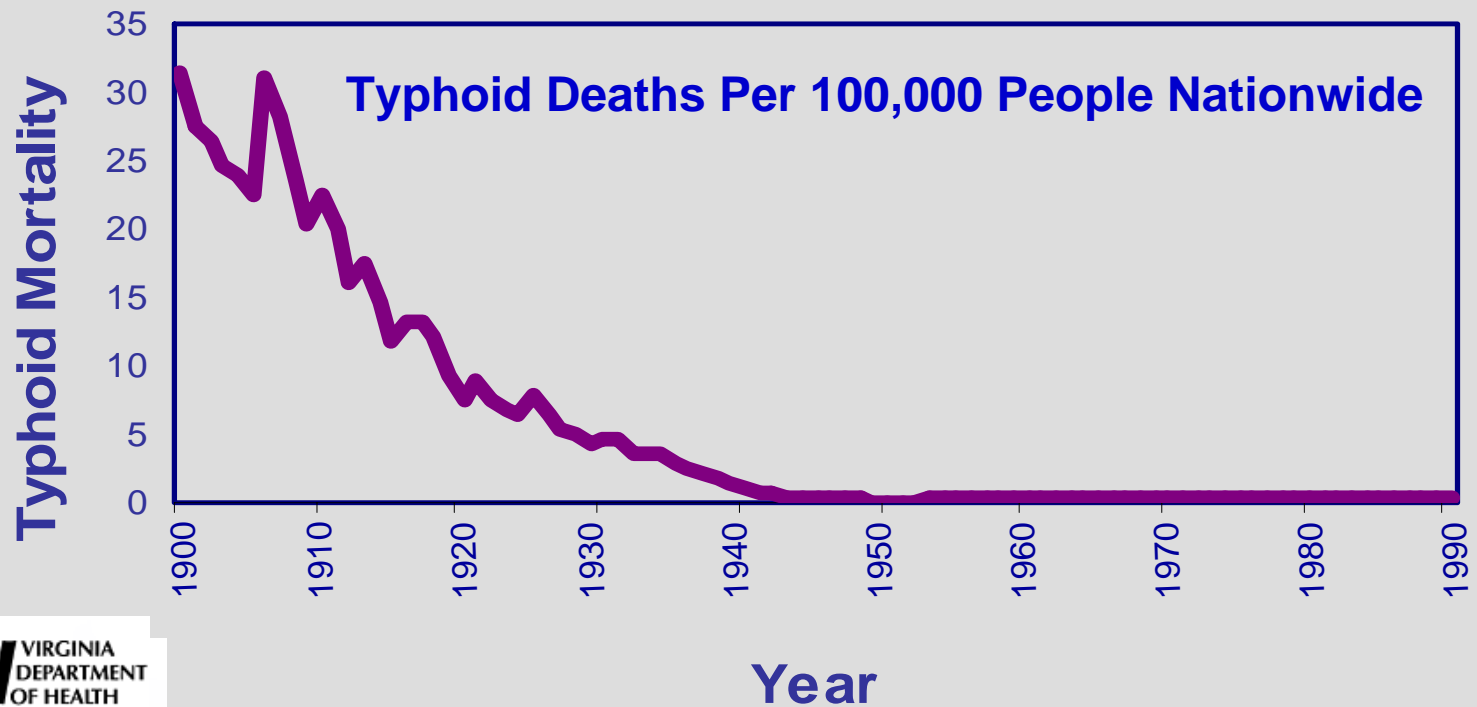
No man, woman, launderer, or launderesse dare to wash any unclean linnen, driue bucks, or throw out the water or suds of fowle cloathes, in open streets, within the Pallizadoes, or within forty foote of the same, nor rench, and make clean, any kettle, pot, or pan, or such like vessel within twenty foote of the olde well, or new pumps, nor shall anyone aforesaid, within lesse than a quarter of one mile from the Pallizadoes, dare to doe the necessities of nature, since by these unmanly, slothfull, and loathsome immodesties, the whole fort may bee choaked, and poisoned with ill aires, and so corrupt (as in all reason cannot but much infect the same) and this shall they take notice of, and auoide, upon paine of whipping and further punishment, as shall be thought meete, by the censure of a martiall court." (Sec. 22, pg. 15)

Euery man shall have an especiall and due care, to keepe his house sweete and cleane, as also so much of the streete, as lieth before his door, and especially he shall prouide, and set his bedstead whereon he lieth, that it may stand three foote at least from the ground, as he will answer the contrarie at martiall court." (Sec. 25, pg. 16)

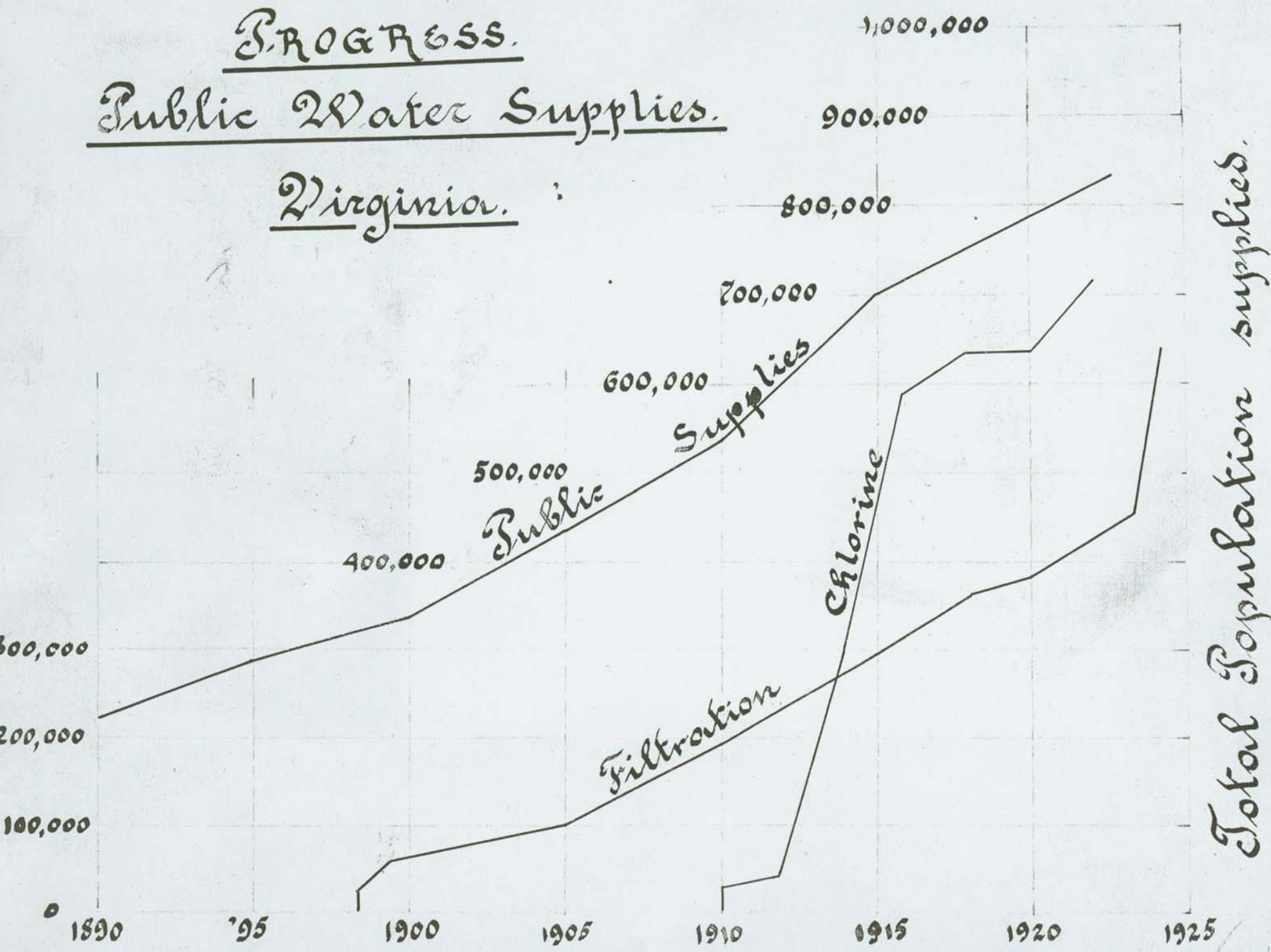
Water Quality from a Historical Perspective



- At the turn of the 20th Century in America, Typhoid fever killed 36 out of 100,000 people
- In 1908, New Jersey began to use Chlorine as a primary disinfectant which helped to decrease deaths caused from drinking water



PROGRESS.
Public Water Supplies.
Virginia.



Office of Drinking Water - History

- 1908 – Virginia Department of Health created
- 1910 – Bureau of Sanitary Engineering created
 - Responsible for public water supplies, sewage treatment, swimming pools
 - Allowed to adopt, promulgate, and enforce rules and regulations for the protection of the public health
- 1910 – 90 waterworks in Virginia
- 1916 – 1st waterworks permit issued to Martinsville



HEALTH.

randria, President.
ewport News, V-Pres.
Midlothian, Secretary.
ETT, Max Meadows.
BAUGH, Harrisonburg.
E. HARVIE, Danville.
GEO. BEN JOHNSTON, Richmond.
DR. GEORGE B. LAWSON, Roanoke.
DR. STUART MCGUIRE, Richmond.
DR. L. T. ROYSTER, Norfolk.
DR. REID WHITE, Lexington.
DR. O. C. WRIGHT, Jarratts.

Commonwealth of Virginia

STATE BOARD OF HEALTH

RICHMOND,

ENNION G. WILLIAMS, M. D.,
Commissioner.
ROY K. FLANNAGAN, M. D.,
Assistant Commissioner.
W. A. PLECKER, M. D.,
Registrar Vital Statistics.
J. O. FITZGERALD, Jr., M. D.,
Bacteriologist.
RICHARD MESSER, C. E.,
Sanitary Engineer.
W. A. BRUMFIELD, M. D.,
District Health Officer.

PERMIT

FOR SUPPLYING WATER TO THE PUBLIC FOR
DRINKING AND DOMESTIC PURPOSES.

In accordance with the provisions of Chapter 360, Acts
of General Assembly, 1916,

PERMISSION IS HEREBY GRANTED

to the Town of Martinsville, Va. to supply for drinking and
domestic purposes to the public water derived from Jones Creek,
which before delivery into the distribution system is treated
and purified by filtration, sterilization, aeration and storage,
said purification works being shown and described in blue print
signed by J. R. Gregory and dated March 2, 1916 and said works
having been inspected and approved on the date of completion,
June 28, 1916, by Richard Messer, sanitary Engineer, State De-
partment of Health.

Done at Richmond, this 7th day of July, 1916.

Virginia State Department of Health

By Ennion G. Williams.

Commissioner of Health.

- 1934 – First Short School Offered
- 1946 – State Water Control Board created
- 1972 – U.S. Environmental Protection Agency (EPA) formed
 - Federal intervention to help cleaning up the environment
- 1974 – Safe Drinking Water Act (SDWA) issued
 - Virginia needed to obtain 'primacy' in order to remain as the primary regulatory authority



- 1974 – Virginia *Waterworks Regulations* were adopted
- 1977 – Virginia received primacy for SDWA
- 1997 – Virginia received Drinking Water State Revolving Fund
- 2003 – Office of Drinking Water established
 - Jerry Peaks – Office Director



ODW Mission



- At the Office of Drinking Water, we are committed to protecting public health by ensuring the people of Virginia have access to an adequate supply of safe drinking water that meets all federal and state drinking water standards.
 - Virginia's advocate for safe drinking water
 - Monitoring drinking water quality
 - Providing technical assistance and training with respect to all drinking water issues
 - Financing improvements to drinking water systems
 - Seeking funding sources for drinking water projects
 - Enforcing drinking water regulations and standards of the Virginia Public Water Supply Law and federal Safe Drinking Water Act.

ODW Central & Field Offices




- ODW consists of the Central Office and 6 Field Offices
- ODW has a staff of 115
- Central Office has a staff of 21 employees who provide management, administrative and training support to ODW and the public.
- Field Offices are located in Abingdon, Lexington, Culpeper, Danville, Chesterfield County, and the City of Norfolk
- Field Office staff provide direct service and are organized to provide one-stop-shopping to owners, operators, and designers of waterworks and the general public.

Office of Drinking Water



Field Office Area

Legend

- 1 Abingdon
- 2 Lexington
- 3 Southeast VA
- 4 East Central
- 5 Danville
- 6 Culpeper
-  Office Location

Central Office
 Madison Building, 6th FLR
 109 Governor Street, Room 632
 Richmond, VA 23219
 ph. 804-864-7500
 fax 804-864-7521
www.vdh.virginia.gov/dw
 Gerald (Jerry) W. Peaks, P.E., Director

CFO-Field 6
 400 South Main Street, 2nd Floor
 Culpeper, VA 22701
 Planning Districts 8, 9, 16
 ph. 540-829-7340
 fax 540-829-7337
 Hugh J. Eggborn, P.E., Field Director

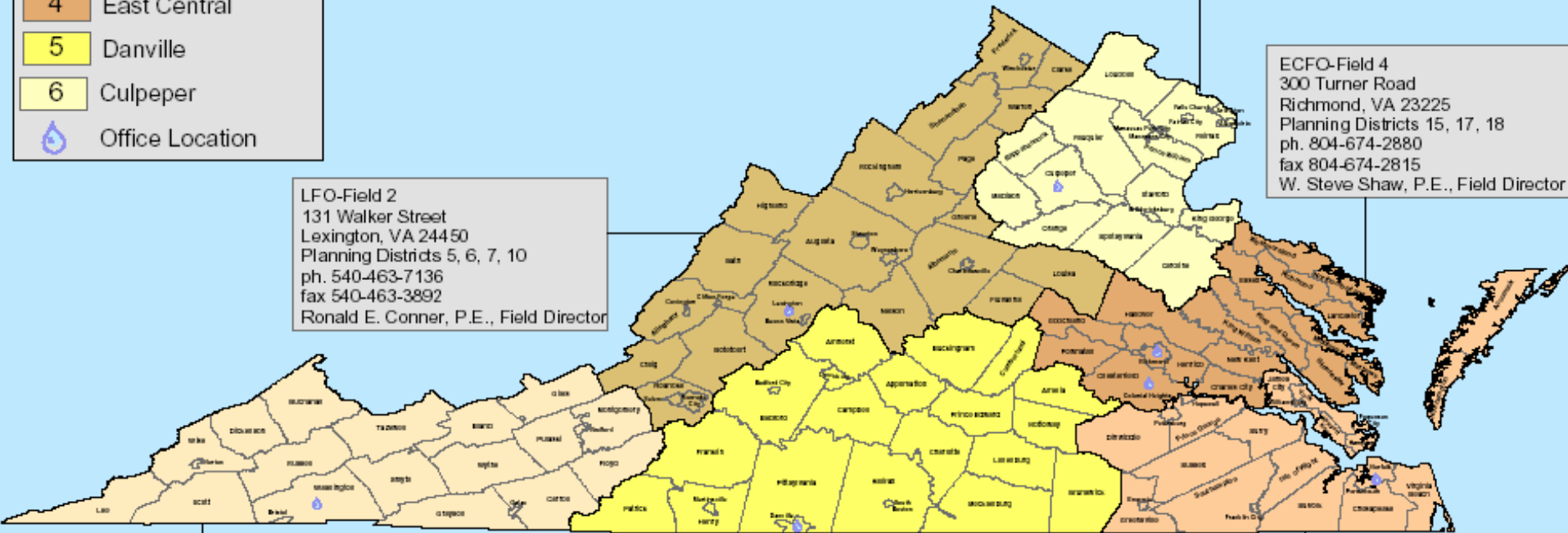
ECFO-Field 4
 300 Turner Road
 Richmond, VA 23225
 Planning Districts 15, 17, 18
 ph. 804-674-2880
 fax 804-674-2815
 W. Steve Shaw, P.E., Field Director

LFO-Field 2
 131 Walker Street
 Lexington, VA 24450
 Planning Districts 5, 6, 7, 10
 ph. 540-463-7136
 fax 540-463-3892
 Ronald E. Conner, P.E., Field Director

AFO-Field 1
 454 East Main Street
 Abingdon, VA 24210
 Planning Districts 1, 2, 3, 4
 ph. 276-676-5650
 fax 276-676-5659
 Richard (Dickie) Puckett, P.E., Field Director

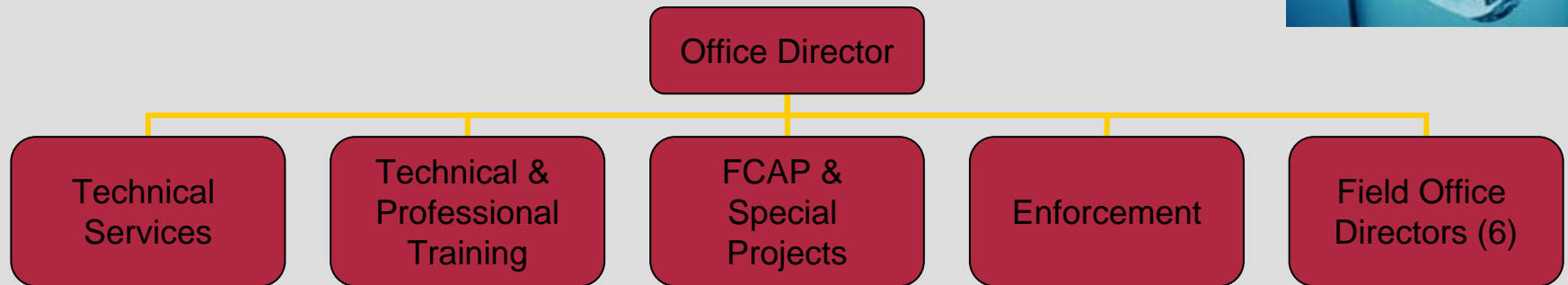
DFO-Field 5
 1347 Piney Forest Road
 Danville, VA 24540
 Planning Districts 11, 12, 13, 14
 ph. 434-836-8416
 fax 434-836-8424
 John I. Capito, P.E., Field Director

SEVFO-Field 3
 830 Southampton Avenue, Room 2058
 Norfolk, VA 23510
 Planning Districts 19, 20, 21, 22
 ph. 757-683-2000
 fax 757-683-2007
 Daniel B. Home, P.E., Field Director



Mission Statement: We are committed to protecting public health by ensuring that all people in Virginia have access to an adequate supply of affordable, safe drinking water that meets federal and state drinking water standards.

ODW General Organizational Chart



Technical Services



- Regulatory Implementation and Guidance
- Sanitary Surveys
- Plan Reviews
- Capacity Development
- Provide Technical Assistance During Disasters
- Involved in State & National Drinking Water Issues and Concerns

Technical and Professional Training



- Professional Development for Staff
- Operator Training in Specialized Areas
 - Water Treatment Plant Operators Short Courses
 - Cross-Connection Training
 - Waterworks Security Preparedness
 - Small Waterworks Training Program
 - Other Programs Developed as Needed

Financial and Construction Assistance Programs (FCAP)



Drinking Water SRF
Water Supply Assistance Grant Fund
Other Special Appropriated Funding

- ❖ Provides low cost loans to waterworks owners in need of making infrastructure improvements to protect the public health
- ❖ Provides financial and technical assistance to waterworks owners to ensure the long term provision of safe drinking water to their customers
- ❖ 9 ODW employees work in the program

Construction – 134 projects, ~\$120 Million

Planning Grants – 100 projects, ~\$3 Million

Enforcement of Regulations and Standards



- Directs and Manages the Regulatory Compliance and Enforcement Program in conjunction with local, state, and federal agencies
- Advise Senior Management on issues that may lead to litigation, legislative, or regulatory action
- Coordinate the promulgation of new regulations
- Liaison to EPA, the Office of the Attorney General, and the State Corporation Commission